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NEWS 11 OCT 13 New CAS Information Use Policies Effective October 17, 2005  
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of CAPLUS documents for use in third-party analysis and  
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NEWS 13 OCT 27 Free KWIC format extended in full-text databases  
NEWS 14 OCT 27 DIOGENES content streamlined  
NEWS 15 OCT 27 EPPFULL enhanced with additional content  
  
NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005  
  
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=> s bi-PNA (S) PCR (S) real-time  
L1 0 BI-PNA (S) PCR (S) REAL-TIME

=> s peptide (1a) nucleic (1a) acid (1a) probe and PCR  
L2 236 PEPTIDE (1A) NUCLEIC (1A) ACID (1A) PROBE AND PCR

=> l2 and bis-PNA  
L2 IS NOT A RECOGNIZED COMMAND  
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=> s l2 and bis-PNA  
L3 0 L2 AND BIS-PNA

=> s l2 and surface (1a) plasmon (1a) resonance  
L4 7 L2 AND SURFACE (1A) PLASMON (1A) RESONANCE

=> d l4 1-7

L4 ANSWER 1 OF 7 MEDLINE on STN  
AN 2004624215 MEDLINE  
DN PubMed ID: 15598819  
TI Surface plasmon field-enhanced fluorescence spectroscopy in PCR  
product analysis by **peptide nucleic acid**  
**probes.**  
AU Yao Danfeng; Yu Fang; Kim Junyoung; Scholz Judith; Nielsen Peter E; Sinner  
Eva-Kathrin; Knoll Wolfgang  
CS Max-Planck-Institute for Polymer Research, Ackermannweg 10, 55128, Mainz,  
Germany.  
SO Nucleic acids research, (2004) 32 (22) e177. Electronic Publication:  
2004-12-14.  
Journal code: 0411011. ISSN: 1362-4962.  
CY England: United Kingdom  
DT (EVALUATION STUDIES)  
Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200412  
ED Entered STN: 20041220  
Last Updated on STN: 20041228  
Entered Medline: 20041227

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:314047 CAPLUS  
DN 142:476723  
TI Surface density dependence of PCR amplicon hybridization on  
PNA/DNA probe layers  
AU Yao, Danfeng; Kim, Junyoung; Yu, Fang; Nielsen, Peter E.; Sinner,  
Eva-Kathrin; Knoll, Wolfgang  
CS Max-Planck-Institute for Polymer Research, Mainz, 55128, Germany  
SO Biophysical Journal (2005), 88(4), 2745-2751  
CODEN: BIOJAU; ISSN: 0006-3495  
PB Biophysical Society  
DT Journal

LA English  
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:810110 CAPLUS  
DN 142:34609  
TI Supramolecular interfacial architectures for optical biosensing with  
surface plasmons  
AU Knoll, Wolfgang; Park, Hyeyoung; Sinner, Eva-Kathrin; Yao, Danfeng; Yu,  
Fang  
CS Max-Planck-Institute for Polymer Research, Mainz, 55128, Germany  
SO Surface Science (2004), 570(1-2), 30-42  
CODEN: SUSCAS; ISSN: 0039-6028  
PB Elsevier B.V.  
DT Journal  
LA English

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:813059 CAPLUS  
DN 136:396529  
TI Peptide nucleic acids and biosensor technology for real-time detection of  
the cystic fibrosis W1282X mutation by **surface plasmon  
resonance**  
AU Feriotto, Giordana; Corradini, Roberto; Sforza, Stefano; Bianchi,  
Nicoletta; Mischiati, Carlo; Marchelli, Rosangela; Gambari, Roberto  
CS Biotechnology Center, Ferrara University, Ferrara, Italy  
SO Laboratory Investigation (2001), 81(10), 1415-1427  
CODEN: LAINAW; ISSN: 0023-6837  
PB Lippincott Williams & Wilkins  
DT Journal  
LA English

RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1999:411584 CAPLUS  
DN 131:180408  
TI Application of peptide nucleic acid to the direct detection of  
deoxyribonucleic acid amplified by polymerase chain reaction  
AU Sawata, Shinya; Kai, Eriko; Ikebukuro, Kazunori; Iida, Tetsuya; Honda,  
Takeshi; Karube, Isao  
CS Research Center for Advanced Science and Technology, The University of  
Tokyo, Tokyo, 153-8904, Japan  
SO Biosensors & Bioelectronics (1999), 14(4), 397-404  
CODEN: BBIOE4; ISSN: 0956-5663  
PB Elsevier Science S.A.  
DT Journal  
LA English

RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1999:64975 CAPLUS  
DN 130:134948  
TI PNA probes and **surface plasmon resonance** for  
detecting DNA  
IN Karube, Isao; Sawata, Shinya; Nagata, Ryohei  
PA Dai Nippon Printing Co., Ltd., Japan  
SO PCT Int. Appl., 39 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 9902730 A1 19990121 WO 1998-JP3077 19980709  
W: US  
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE  
JP 11332595 A2 19991207 JP 1998-141433 19980522  
EP 950718 A1 19991020 EP 1998-931022 19980709  
R: DE, FR, GB, IT  
US 2003165953 A1 20030904 US 2003-334831 20030102  
PRAI JP 1997-183710 A 19970709  
JP 1998-75350 A 19980324  
JP 1998-141433 A 19980522  
WO 1998-JP3077 W 19980709  
US 1999-147791 B2 19990309  
US 2000-749998 B1 20001229  
RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1998:295239 CAPLUS  
DN 129:36904  
TI Novel DNA detection system of flow injection analysis. (2). The  
distinctive properties of a novel system employing PNA (peptide nucleic  
acid) as a probe for specific DNA detection  
AU Kai, Eriko; Sawata, Shinya; Ikebukuro, Kazunori; Iida, Tetsuya; Honda,  
Takeshi; Karube, Isao  
CS Research Center for Advanced Science and Technology, University of Tokyo,  
Tokyo, 153, Japan  
SO Nucleic Acids Symposium Series (1997), 37(Symposium on Nucleic Acids  
Chemistry, 1997), 321-322  
CODEN: NACSD8; ISSN: 0261-3166  
PB Oxford University Press  
DT Journal  
LA English  
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
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=> d his

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L1 0 S BI-PNA (S) PCR (S) REAL-TIME  
L2 236 S PEPTIDE (1A) NUCLEIC (1A) ACID (1A) PROBE AND PCR  
L3 0 S L2 AND BIS-PNA  
L4 7 S L2 AND SURFACE (1A) PLASMON (1A) RESONANCE